

Spiral-Wate Drill Pipe

Tube							Tool Joint						Weight (lb)			
Nominal Size (A)	Nominal Tube Dimensions					End Upsets (C)	Mechanical Properties Tube		Connection Size and Type	OD (D)	ID	Mechanical Properties Tool Joint		Approx. Incl. Tube & Tool Joints		Make-up Torque (ft-lb)
	ID	Wall Thickness	Area (in. ²)	(Z) Section Modulus (in. ³)	Spiral Upset (B)		Tensile Yield (lb)	Torsional Yield (ft-lb)				Tensile Yield (lb)	Torsional Yield (ft-lb)	Per foot	Per Joint (31 ft)	
3 3/16	2	0.594	4.840	2.687	3 5/16	3 3/16	532,400	28,400	SLH90	3 7/8	2	407,000	12,000	19.48	604	6,300
3 1/2	2 1/4	0.625	5.645	3.490	4	3 5/8	310,500	18,500	NC38 (3 1/2IF)	4 7/8	2 1/4	725,000	21,000	30.39	942	12,000
4	2 9/16	0.719	7.411	5.225	4 1/2	4 1/8	407,600	27,600	NC40 (4 FH)	5	2 9/16	768,400	19,200	28.90	896	11,500
4 1/2	2 3/4	0.875	9.965	7.698	5	4 5/8	548,100	40,700	NC46 (4 IF)	6 1/4	2 3/4	1,085,200	41,100	49.53	1,535	21,300
5	3	1.000	12.566	10.681	5 1/2	5 1/8	691,200	56,500	NC50 (4 1/2IF)	6 5/8	3	1,180,200	48,200	59.16	1,834	25,000
5 1/2	4	0.750	11.192	11.764	6	5 5/8	615,600	62,200	5 1/2 FH	7	4	1,054,800	46,600	55.21	1,712	24,300
5 7/8	4	0.938	14.542	15.630	6 3/8	6	799,800	82,700	XT57	7	4	1,169,300	88,500	65.38	2,027	53,100
6 5/8	5	0.813	14.837	19.285	7 1/8	6 3/4	1,483,700	185,500	6 5/8 FH	8	5	1,207,000	61,400	73.40	2,275	32,000

NOTE: 3-3/16" Spiral-Wate, previously referred to as 2-7/8", is manufactured integral only (non-welded). 6-5/8" is manufactured integral or Submerge Arc welding. Performance Properties for sizes 3-1/2" through 5-7/8" reflect those for inertia / friction welded products. Sizes 3-1/2" through 5-7/8" can also be manufactured integrally for special purpose applications.